



DOCKET NO. 702093 (PHIL06-02093)

U.S. SERIAL NO. 09/910,971

PATENT

**REMARKS**

Claims 1-20 are pending.

Claims 1 and 15 were amended to eliminate superfluous language within the preambles thereof.

Examination of the application on the merits is respectfully requested.

**AMENDMENTS WITH MARKINGS TO SHOW CHANGES MADE**

Claims 1 and 15 were amended herein as follows:

1           1. (amended) [For use in a channel decoder, a]A block decision feedback  
2 equalizer for channel equalization comprising:

3                   a forward filter receiving and concurrently processing blocks containing a  
4 predetermined number of input samples;

5                   a feedback filter receiving and concurrently processing blocks containing  
6 the predetermined number of demapped equalized output samples; and

7                   a signal adder combining filtered input samples for a current block from  
8 the forward filter and filtered output samples for the current block from the feedback  
9 filter to produce equalized output samples for the current block.

1           15. (amended) [For use in a channel decoder, a] A method of block channel  
2 equalization comprising:

3                   receiving and concurrently processing blocks containing a predetermined  
4 number of input samples within a forward filter;

5                   receiving and concurrently processing blocks containing the  
6 predetermined number of demapped equalized output samples within a feedback filter;  
7 and

8                   combining filtered input samples for a current block from the forward  
9 filter and filtered output samples for the current block from the feedback filter within a  
10 signal adder to produce equalized output samples for the current block.

If any issue arises, or if the Examiner has any suggestions for expediting allowance of this application, the Applicant respectfully invites the Examiner to contact the undersigned at the telephone number indicated below or at [dvenglarik@novakov.com](mailto:dvenglarik@novakov.com).

The Commissioner is hereby authorized to charge any additional fees connected with this communication, or credit any overpayment, to Deposit Account No. 50-0208.

Respectfully submitted,

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